

VF 25

Push-back Probe

Grid:

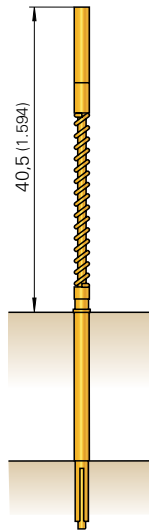
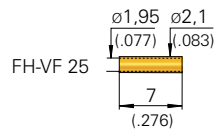
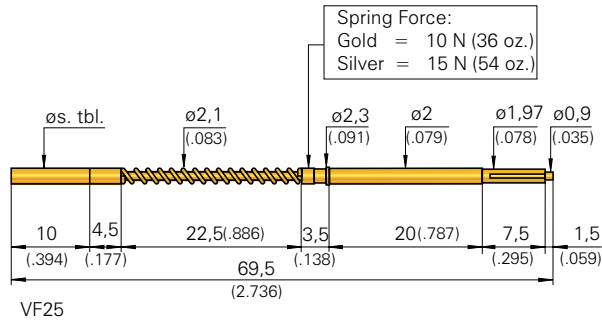
≥ 2,54 mm

≥ 100 Mil

Installation Height: 40,5 mm (1.594)

Recommended Stroke: 5,0 mm (.197)

Mounting and Functional Dimensions



Installation Height

Installation Height: 40,5 mm (1.594)

Mechanical Data

Working Stroke: 5,0 mm (.197)

Maximum Stroke: 6,0 mm (.236)

Spring Force at Work. Stroke: 10 N (36oz);
15 N (54oz)

Interchangeable Stroke: > 6,0 mm (.236)

Materials

Plunger: Steel, gold-plated

Spring: Steel, gold-plated

Receptacle: Bronze, gold-plated

Electrical Data

Current Rating: 5 A

R_i typical: < 50 mΩ

Mounting Hole Size

in CEM 1 and FR 4: Ø 2,00 mm (.0787)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
2	03	A	Ø 2,20 (.087)	
2	29	A	258	
2	29	A	193	

Note:

The flat surface on the Plunger Tip is in the same alignment as the flat surface on the rear of the Plunger.

Assembly Notice:

The patented design allows the test probe (consisting of plunger and spring) to be easily exchanged according to the following procedure:

- press the Plunger into the Receptacle until it reaches it's limit
- turn the Plunger 90°
- release the Plunger

In order to stabilize the Test Probe and to avoid damage to the Receptacle during mounting and dismounting, we recommend that either an additional guide plate be inserted underneath, or that the Guide Bush FH-VF 25 be attached to the end of the Receptacle after mounting, and subsequently soldered to secure it.

Ordering Example

	Series	Tip Material 2 = Steel	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)
Test Probe:	V F 2 5	2	2 9	1 9 3	A	1 5 0
Receptacle:	K S - V F 2 5					
Receptacle (pre-wired with 0,2m Wire AWG 34):	K S - V F 2 5 V					
Guide Bush:	F H - V F 2 5					